

1 47756/CAG/V149

ABSTRACT

5 A variable speed isosynchronous motor includes two annular  
stators conformed for variable angular alignment relative to each  
other and a common rotor extending a plurality of isolated loops  
to cross-induce power between stators once such are angularly  
displaced. In this form of losses, attendant to speed variation  
10 through stator phasing are reduced. Electrical compensation may  
be inserted between each terminal pair. Potentiometers in  
parallel with capacitors and may be inserted between the  
respective terminals to expand the operating range of the device.

15 CAG/cea

CEA PAS409286.1--1/18/02 2:09 PM

20

25

30

35